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CLIMATOLOGICAL MEMORANDUM 76

STATISTICS OF SNOW DEPTH AT SELECTED STATIONS IN ENGLAND, WALES AND NORTHERN IRELAND. NOVEMBER 1946 — APRIL 1973

by

Margaret I. Hargreaves

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CLIMATOLOGICAL MEMORANDUM NO 76

STATISTICS OF SNOW DEPTH AT SELECTED STATIONS IN ENGLAND, WALES AND NORTHERN IRELAND NOVEMBER 1946 - APRIL 1973

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In the British Isles, snow depth and the number of days with snow lying are among the most variable of climatological statistics; marked variations occur both from year to year, and from place to place. Available data have for many years been brought together in a series of annual surveys. Reports for the years 1946/47 to 1952/53 were published in the Journal of Glaciology and those from 1953/54 to 1955/56 appeared in the Meteorological Magazine. From 1956/57 onwards the annual surveys have been included in successive volumes of British Rainfall, the latest to appear in this form being that for 1967/68 which was printed in the 1968 volume. Reports for the years 1967/68 onwards have also been produced by the Climatological Services Branch of the Meteorological Office as a series of unpublished memoranda, the latest available in this form being that for 1974/5; these memoranda are known under the title of "Snow Survey of Great Britain".[1]

Data concerning snow depths at a selection of stations in England, Wales and Northern Ireland for the months of November to April during the 18 'winters' of 1946/47 to 1963/64 were collected together in Climatological Memorandum No 47[2] and similar data for Scotland for periods of 7 to 17 years up to the 'winter' of 1970/71 were included in Climatological Memorandum No 70[3]. The purpose of this memorandum is to extend the period of record in Climatological Memorandum No 47 by including data for a further 9 'winters', to correct a few errors which have been detected in that publication and to improve the areal coverage. This last was achieved by combining data from adjacent stations having similar site characteristics, and in this way, the number of places for which data are presented has been increased to 31.

A day with snow lying is one in which snow covers one half or more of the ground surrounding the observing station at 09 GMT and the depth of snow is measured only on such occasions. The measurement is taken from a ruler held vertically in an area of level snow free from scouring or drifting by the wind. The records of snow depths are complete from November 1958 onwards but from November 1950 to April 1958 there are some gaps in the record and there are numerous gaps prior to April 1950. These gaps have been filled by making careful estimates from observations of days with snow lying using the daily rainfall totals and maximum and minimum air temperature; years in which this procedure has been necessary have been indicated by an asterisk in the Tables.

The selected stations, or pairs of stations, are listed in Table 1. For each of these locations, Table 2 presents frequencies of snow depths in specified ranges. The upper part of the table gives frequencies for each 'winter' from November to April while the lower part gives frequencies for each month over the entire period. Where data from two stations have been combined, a dotted line denotes the change of observing site. Table 3 presents for nine of the selected stations, the frequencies of snow depths in the given ranges for each month of each season. The National Grid Reference and height of the station above mean sea level are included in the headings of Table 2 and the positions of the stations are shown in Figure 1.

In interpreting these results, from a sparse network of stations, it should be noted that orographic and coastal effects are often responsible for large variations over short distances. Aspect is also of importance and heavy drifting may occur in strong winds.

The winter seasons of 1965/66 to 1972/73 were comparatively mild and snow-free. Details of the severe winters of the period 1946-64 have been given elsewhere.[4,5,6,7]

The number of days with snow or sleet falling, and with snow lying at 09 GMT at the selected station is published month by month in the Monthly Weather Report[8]; Climatological Memorandum No 74[9] gives similar data for a 30 year period in map form.

References

1.	Bracknell, Meteorological Office	Snow Survey of Great Britain.
2.	Bracknell, Meteorological Office	Climatological Memorandum No 47. Statistics of Snow Depths at Selected Stations in England, Wales and Northern Ireland Nov 1946 - April 1964. - D Dewar
3.	Bracknell, Meteorological Office	Climatological Memorandum No 70. Frequencies of Snow Depths and Days with Snow Lying at Stations in Scotland for Periods ending Winter of 1970/71 - A Dunsire
4.	Bracknell, Meteorological Office	Climatological Memorandum No 4. A comparison of the winters 1946/64 and 1954/55 - R E Booth
5.	London, Meteorological Office (HMSO)	Meteorological Magazine Vol 76 1974 pp 51-56. The Severe Winter of 1946/47 - C K M Douglas
6.	London, Meteorological Office (HMSO)	Meteorological Magazine Vol 84 1955 pp 129-137. The Snow of January and February 1955 - R E Booth
7.	The Journal of the British Waterworks Association	Vol XLV March 1963 pp 169-174. The Winter of 1963 until mid February - R E Booth
8.	London, Meteorological Office (HMSO)	Monthly Weather Report.
9.	Bracknell, Meteorological Office	Climatological Memorandum No 74. Maps of Mean Number of Days of Snow over the United Kingdom 1941-70

TABLE 1 LIST OF STATIONS

The pairing of records from two stations to form one entry in Table 2 is indicated by the stations having the same serial number.

Serial No	County	Table	Station	Period of Record	Page
1	Avon	2	Bristol (Whitchurch)	Nov 1946–Dec 1949	12
1		2	Bristol (Filton)	Feb 1950–Apr 1973	12
2	Bedfordshire	2	Cardington	Nov 1955–Apr 1973	10
2		2	Cranfield	Nov 1946–Apr 1955	10
3	Cornwall	2	St Eval	Nov 1950–Apr 1955	21
3		2	St Mawgan	Nov 1955–Apr 1973	21
4	Cumbria	2	Carlisle	Nov 1960–Apr 1973	16
4		2	Silloth	Nov 1948–Apr 1960	16
5	Devon	2	Chivenor	Nov 1950–Apr 1973	21
6		2	Exeter	Nov 1946–Apr 1973	20
7		2 & 3	Plymouth (Mount Batten)	Nov 1946–Apr 1973	20, 30
8	Gloucestershire	2	Little Rissington	Nov 1946–Apr 1973	12
9	Greater London	2	Kew	Nov 1946–Apr 1973	13
10	Greater Manchester	2 & 3	Manchester (Ringway) Apt	Nov 1946–Apr 1973	17, 29
11	Hampshire	2 & 3	South Farnborough	Nov 1946–Apr 1973	15, 27
12	Humberside	2	Driffield	Nov 1946–Apr 1959	8
12		2	Leconfield	Nov 1959–Apr 1969	8
13	Kent	2	East Malling	Nov 1960–Apr 1973	14
13		2	West Malling	Nov 1946–Apr 1960	14
14	Lancashire	2 & 3	Blackpool (Squires Gate) Apt	Nov 1946–Apr 1973	17, 28
15	Lincolnshire	2	Waddington	Nov 1946–Apr 1953	9
				Nov 1955–Apr 1973	9
15		2	Scampton	Nov 1953–Apr 1954	9
16	West Midlands	2 & 3	Birmingham (Edgbaston)	Nov 1946–Apr 1973	11, 25
17	Norfolk	2	West Raynham	Nov 1946–Apr 1969	9
18	Northumberland	2 & 3	Acklington	Nov 1946–Apr 1973	7, 23
19	Oxfordshire	2	Abingdon	Nov 1946–Apr 1973	15
20	Salop	2 & 3	Shawbury	Nov 1946–Apr 1973	11, 26
21	Suffolk	2 & 3	Honington	Nov 1969–Apr 1973	10, 24
21		2 & 3	Mildenhall	Nov 1946–Apr 1969	10, 24
22	West Sussex	2	Tangmere	Nov 1946–Apr 1958	14
22		2	Thorney Island	Nov 1958–Apr 1973	14
23	Wiltshire	2	Boscombe Down	Nov 1946–Apr 1973	16
24	North Yorkshire	2	Leeming	Nov 1946–Apr 1952	7
				Nov 1965–Apr 1973	7

TABLE 1 LIST OF STATIONS (contd)

Serial No	County	Table	Station	Period of Record	Page
24		2	Disforth	Nov 1952–Apr 1965	7
25	South Yorkshire	2	Finningley	Nov 1946–Apr 1954	8
				Nov 1958–Apr 1973	8
25		2	Lindholme	Nov 1954–Apr 1958	8
Wales					
26	Clwyd	2	Hawarden	Nov 1946–Apr 1957	18
26		2	Hawarden Bridge	Nov 1957–Apr 1963	18
27	Dyfed	2	Aberporth	Nov 1946–Apr 1973	19
28	Glamorgan	2	Llandow	Nov 1951–Mar 1953	19
28		2	Glamorgan (Rhoose) Apt	Apr 1954–Apr 1973	19
29	Gwynedd	2	Valley	Nov 1946–Apr 1973	18
Northern Ireland					
30	Antrim	2 & 3	Belfast (Aldergrove) Apt	Nov 1946–Apr 1973	22, 31
31	Tyrone	2	Castle Archdale	Nov 1946–Apr 1956	22
				Nov 1964–Apr 1973	22
31		2	Ely Lodge	Nov 1958–Apr 1964	22

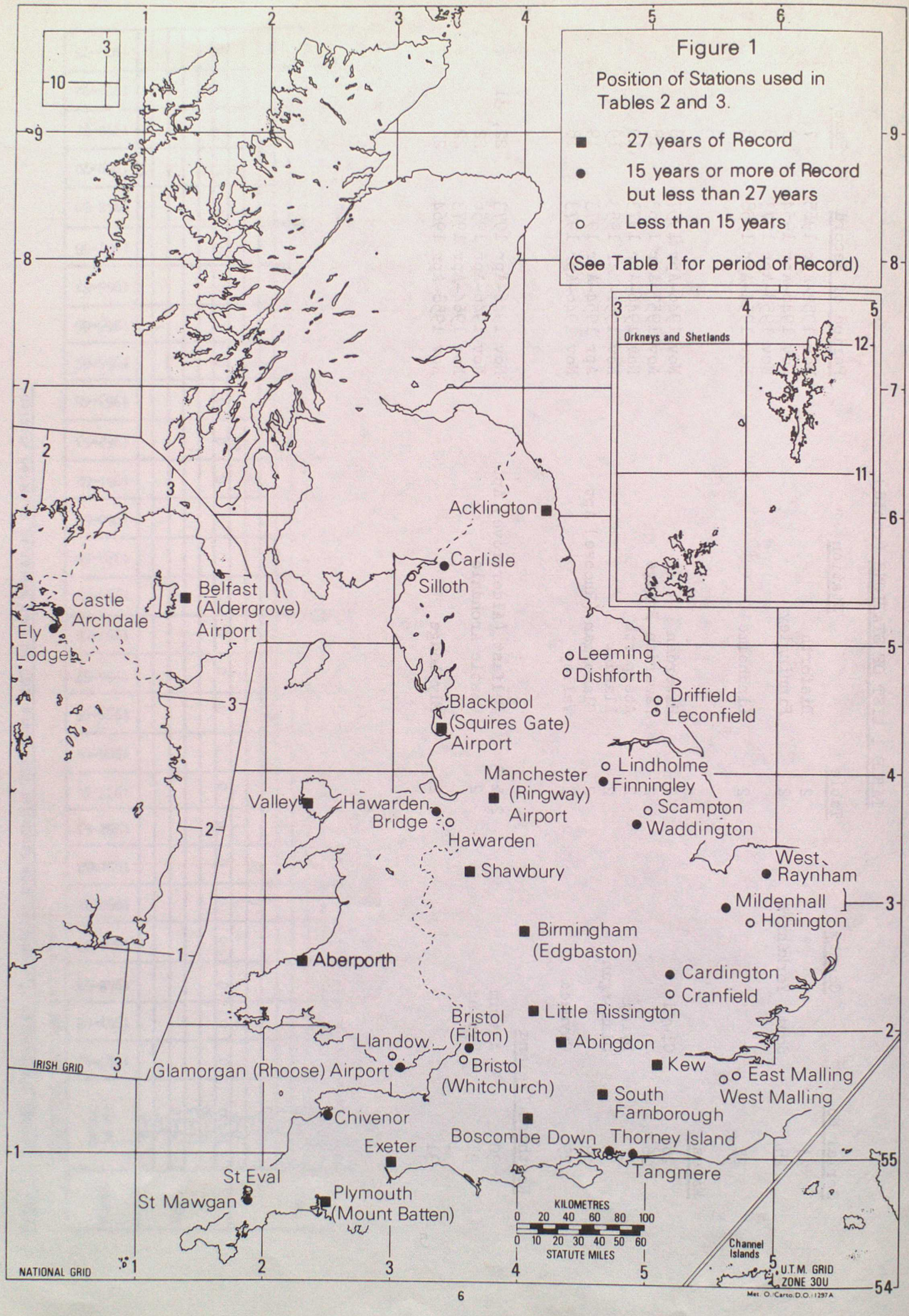
Figure 1
Position of Stations used in Tables 2 and 3.
27 years of Record
15 years or more of Record but less than 27 years
Less than 15 years
(See Table 1 for period of Record)
Orkneys and Shetlands
Acklington
Carlisle
Silloth
Castle Archdale
Belfast (Aldergrove) Airport
Ely Lodge
Leeming
Dishforth
Driffield
Leconfield
Blackpool (Squires Gate) Airport
Lindholme
Finningley
Manchester (Ringway) Airport
Valley
Hawarden Bridge
Hawarden
Scampton
Waddington
Shawbury
West Raynham
Mildenhall
Honington
Birmingham (Edgbaston)
Aberporth
Cardington
Cranfield
Bristol (Filton)
Little Rissington
Llandow
Abingdon
Glamorgan (Rhoose) Airport
Bristol (Whitchurch)
Kew
East Malling
West Malling
South Farnborough
Chivenor
Boscombe Down
Thorney Island
Exeter
Tangmere
St Eval
St Mawgan
Plymouth (Mount Batten)
KILOMETRES
0 20 40 60 80 100
0 10 20 30 40 50 60
STATUTE MILES
Channel Islands
U.T.M. GRID ZONE 30U
IRISH GRID
NATIONAL GRID
Met. O. (Carto: D.O. 1297 A

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR: Altitude	ACKLINGTON NU-225007; 42m									LEEMING/DISHFORTH SE-305890; 32m / SE-387713; 32m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946-47	5	6	15	7	6	11	3	1	54*	26	14	14	5	2				61*
1947-48	5	2							7*	6								6*
1948-49		4							4*	2	2							4*
1949-50	2	3							5*	3	2	1						6*
1950-51	12	4	1	1	1				19*	10	3	3	1					17*
1951-52	11	1	3	2					17*	8	2							10*
1952-53	3	6	1						10*	7	5							12*
1953-54	2	5	6						13	2	4	8	1					15
1954-55	3	4	14	2	4	4	2	1	34	9	10	9						28
1955-56	7	12	8	3					30	8	13	9	5		2			37
1956-57	1		2						3	5								5
1957-58	5	11	6	1					23	4	13	5	2	1				25
1958-59	1	5	6						12	6	3	3						12
1959-60	8	4	6	3					21	4	2	3	1					10
1960-61	1	2							3	3								3
1961-62	4		5	4	4				17	4	5	2						11
1962-63	20	11	28	4	1				64	27	17	16	9					69
1963-64	5	2							7	4	6	2						12
1964-65	16	2							18	9	3	2						14
1965-66	11	9	12						32	10	10	6	2	5	2			35
1966-67	7								7	2								2
1967-68	8	1							9	16	4							20
1968-69	11	3	5	5					24	8	6	8	2					24
1969-70	26	6	1	2	2				37	21	3	5						29
1970-71	6	4	3						13	5	3							8
1971-72	6	2	2						10	4	2	3						9
1972-73	3								3	2	1	2						5
TOTAL	189	109	124	34	18	15	5	2	496	215	133	101	28	8	4			489
November 1946-72	16	8	4						28	13	2		1	3	1			20
December 1946-72	41	16	8	2	3				70	39	10	7	3	1	3			63
January 1947-73	49	31	34	11	4				129	74	50	25	2					150
February 1947-73	51	43	55	16	7	11	3	1	187	59	55	52	19	1				186
March 1947-73	26	11	23	5	4	4	2	1	76	27	15	17	3	2				64
April 1947-73	6								6	4	1			1				6

* Includes estimated data

Dotted lines indicate change of site

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR; Altitude	FINNINGLEY / LINDHOLME SK-658988; 10m / SE-682063; 6m									DRIFFIELD / LECONFIELD TA-004565; 21m / TA-026438; 7m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946–47	4	3	12	6	15	19			59*	6	8	6	12	10	16			58*
1947–48	9	2							11*	4	2							6*
1948–49	3	2							5*	3	1							4*
1949–50	1	4							5*	3	2							5*
1950–51	6	2	2	1	1				12*	4	10	6	4	2				26
1951–52	6	1							7*	4	5	1						10
1952–53	6								6*	10	4							14*
1953–54	9	3	6	2					20*	6	2	8						16
1954–55	15	10							25*	7	13	7	1					28
1955–56	13	10	8						31*	10	10	11	3	2	2	2		40
1956–57	3	1							4*	2	1							3
1957–58	5	7	4						16	7	5	9	4	1	2			28
1958–59		9	2						11		4	8						12
1959–60	3	4	4	1					12	6	3	1						10
1960–61									0									0
1961–62	4	2	5		3				14	8	4	1						13
1962–63	11	21	21						53	27	7	21	6					61
1963–64	3	2							5	9	3							12
1964–65	5	5	1						11	12	4							16
1965–66	7	3							10	11	4							15
1966–67	2								2	4								4
1967–68	3	5	1	1					10	5	2							7
1968–69	6	4	7	2					19	11	6	2	2		1			24
1969–70	6	5	2	1					14	record ceased July 1969								
1970–71	4	1							5									
1971–72	7	1							8									
1972–73	4								4									
TOTAL	145	107	75	14	19	19			379	159	100	81	32	15	21	2	2	412
November 1946–72	11	2							13	8	2							10†
December 1946–72	24	8	6	2	1				41	28	17	7	5	3	1		2	63†
January 1947–73	41	50	32	1	3				127	59	41	20	4					124†
February 1947–73	52	40	33	6	10	14			155	40	30	49	17	8	14	2		160†
March 1947–73	16	7	4	5	5	5			42	23	10	5	6	4	6			54†
April 1947–73	1								1	1								1†

* Includes estimated data

† November 1946–April 1969

Dotted lines indicate change of site

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station	WADDINGTON / SCAMPTON									WEST RAYNHAM								
NGR; Altitude	SK-988653; 68m / SK-968793; 57m									TF-847245; 76m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946–47	7		9	12	3	15	14		60*	5	4	16	3	21	9			58*
1947–48	11	3							14*	9								9*
1948–49	2	1							3*	1	1							2*
1949–50	4	1							5*	1								1*
1950–51	6	7	4						17*	11	7							18
1951–52	6	2							8*	5	2							7
1952–53	8	3	1	1					13*	9	4							13
1953–54	9	5	6	1					21*	3	9	4						16
1954–55	6	11	8	10	2				37*	6	17	9	2		1			35
1955–56	8	3	13	7		1	2		34*	10	6	3	3	3				25
1956–57	2								2	6	1							7
1957–58	8	1	4			2			15	4	3	7	1	2				17
1958–59	1	8	3						12		4	7						11
1959–60	4	9	4						17	5	4	3	1					13
1960–61									0									0
1961–62	2	5	8	3					18	4	4	3						11
1962–63	23	18	11	8					60	19	22	19						60
1963–64	5	2							7	5								5
1964–65	16	2							18	19	4							23
1965–66	3	8	4						15	7	7	2						16
1966–67	3								3	3	3							6
1967–68	6	1	6						13	12	1	2						15
1968–69	11	3	5	2					21	5	4	10	6		3	1		29
1969–70	17	7	3						27	Observations ceased in 1969								
1970–71	6	1	3						10									
1971–72	4	3	2						9									
1972–73									0									
TOTAL	178	104	94	44	5	18	16		459	149	107	85	16	26	13	1		397
November 1946–72	5	3							8	2	1							3/
December 1946–72	39	9	12						60	36	8		1		2	1		48/
January 1947–73	58	42	33	10		1	2		146	54	52	34	2		1			143/
February 1947–73	54	34	38	23	2	12	14		177	42	35	43	12	18	6			156/
March 1947–73	19	15	11	11	3	5			64	15	11	8	1	8	4			47/
April 1947–73	3	1							4									0/

* Includes estimated data

/ November 1946–April 1969

Dotted lines indicate change of site.

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR: Altitude	MILDENHALL/HONINGTON TL-683779; 5m / TL-887749; 50m									CRANFIELD / CARDINGTON SP-941422; 106m / TL-081464; 29m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946-47	26	13	10		2				51*	15	9	6	20	6				56*
1947-48	5								5*	6	1							7*
1948-49	3								3*		1							1*
1949-50									0		1							1*
1950-51	5	1	1						7*	8	3	1						12*
1951-52	5	2	1						8*	7	1							8*
1952-53	10	3							13*	16	8							24
1953-54	7	4							11*	6								6
1954-55	14	6	4	2					26*	17	7	5	3					32
1955-56	11	7							18	11	7	1						19*
1956-57	1	1							2		1							1
1957-58	7		1	2					10	3	4	1						8
1958-59	5	1							6	8								8
1959-60	2	1	2						5	3		2						5
1960-61									0									0
1961-62	5	4		3					12	3	3	1	3					10
1962-63	32	21	5						58	11	16	11	10					48
1963-64	2	3							5	2	1	2						5
1964-65	13	1							14	5	2							7
1965-66	10	1							11	2	7							9
1966-67	2	4							6									0
1967-68	3	5							8	3	7	1						11
1968-69	9	6	3	1					19	6	3							9
1969-70	16	4	3						23	11	3	4	4					22
1970-71	9	3	1						13	4								4
1971-72	8								8	1								1
1972-73	1								1	1								1
TOTAL	211	91	31	8	2				343	149	85	35	40	6				315
November 1946-72	9	1	1						11	5	4							9
December 1946-72	33	13	4						50	29	13	4						46
January 1947-73	72	36	6	3					117	50	29	16	13					108
February 1947-73	67	36	17	5					125	45	26	7	19	6				103
March 1947-73	30	5	3		2				40	19	13	8	8					48
April 1947-73									0	1								1

* Includes estimated data

Dotted lines indicate change at site

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station	BIRMINGHAM (EDGBASTON)								SHAWBURY							
NGR; Altitude	SP-046864; 163 m								SJ-322693; 72m							
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to > 40 40	Total
Winter of:																	
1946-47	4	2	7	19	17	7	3		59	15	9	18	8	1	3		54*
1947-48	10	2	1						13	7	3						10*
1948-49	2	1	1						4	5	1						6*
1949-50		2							2	3							3
1950-51	8	3	4	1	1	1			18	8	4	8		1			21
1951-52	6	4	1						11	4	2	2					8
1952-53	11	4	2		1				18	2	2	1	1				6
1953-54	10	2							12	5	2	9	2				18
1954-55	9	13	8	3	3				36	8	10	9	2	1			30
1955-56	7	8	15						30	18	3	2					23*
1956-57	2	1	1	1	1				6	2	1	1	1				5
1957-58	11	1	2						14	9	2	4					15
1958-59	2		6	5					13	5	3	8	2	1			19
1959-60	4	4	8	1					17	7	6						13
1960-61	1	1							2								0
1961-62	7	2	2	2	1	1			15	8		6	1				15
1962-63	10	18	18	26	3				75	14	2	22	19	1			58
1963-64	6	1	5						12	4	1						5
1964-65	14	5	6						25	8	4	2	1				15
1965-66	19	3							22	12	1						13
1966-67	4								4	2							2
1967-68	7	5	6	1	3	1			23	3	2	7	1				13
1968-69	9	4	8	3	1				25	8	6	7	2	1			24
1969-70	14	9	5	3	3				34	17	4	2	5				28
1970-71	6	3	1						10	2	2	1					5
1971-72	3	3							6	2							2
1972-73	5	1							6	3	2						5
TOTAL	191	102	107	65	34	10	3		512	181	72	109	45	6	3		416
November 1946-72	9	5	4						18	12	1						13
December 1946-72	26	17	16	2	2				63	28	12	17	3	1			61
January 1947-73	55	29	28	35	8	3			158	54	20	48	18	2			142
February 1947-73	60	38	47	19	21	1			186	57	33	35	17	2			144
March 1947-73	33	11	12	9	3	6	3		77	28	4	9	7	1	3		52
April 1947-73	8	2							10	2	2						4

* Includes estimated data.

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station	LITTLE RISSINGTON								BRISTOL(WHITCHURCH)/BRISTOL(FILTON)							
NGR; Altitude	SP-209191: 225 m								ST 595689 64m/ST 598802 59m							
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946-47	6	7	2	14	8	18			55*	7	1	16	7	2				33*
1947-48	3	5							8*	3								3*
1948-49	1	2							3*									0
1949-50	2								2*	Change of site mid-January								-
1950-51	10	4	2						16*	6		1	1	1				9*
1951-52	10	1	2						13*	4								4*
1952-53	7	7	7	2	3				26	7	5	1						13*
1953-54	3	1	7	4					15	1	2	7	4					14*
1954-55	15	7	9	3					34	5	5							10*
1955-56	13	10							23	6	4							10*
1956-57	3	2	2						7	3								3*
1957-58	5	9							14	2	3	1						6
1958-59	5	7	3						15		1							1
1959-60	5	4	5	5					19	4	2							6
1960-61			1						1									0
1961-62	4	5	1	1	2	1			14	6	2	1						9
1962-63	3	4	30	31	6				74	3	7	11	3	11	14	2		51
1963-64	10	2	1						13	2								2
1964-65	9	5	3	1					18	4		2						6
1965-66	11	2							13	11	1	1						13
1966-67	3	5							8									0
1967-68	8	2	5	1	4	1			21	2		3	1					6
1968-69	11	4	7						22	2	1	1	1					5
1969-70	16	3	7						26	8	1.							9
1970-71	7	9	1						17	3		1						4
1971-72	10		1						11									0
1972-73	4								4	2								2
TOTAL	184	107	96	62	23	20			492	91	35	46	17	14	14	2		219
November																		
1946-72	10	6	3	2	1				22	1	2	1						4
December																		
1946-72	24	15	24	1	4				68	23	3	7	4	1				38
January																		
1947-73	60	38	27	29	10	2			166	26	12	11	2	11	14	2		78
February																		
1947-73	52	33	35	20	5	18			163	33	16	22	10	1				82
March																		
1947-73	29	12	7	10	3				61	6	1	4	1	1				13
April																		
1947-73	9	3							12	2	1	1						4

* Includes estimated data.

Dotted lines indicates change of site.

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR, Altitude	KEW TQ – 171757; 6 m																
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	40	Total
Winter of:																		
1946–47	33	8	3	1					45									
1947–48	4	2	1	1					8									
1948–49		1							1									
1949–50	1								1									
1950–51	4	3	2						9									
1951–52	1	1	1						3									
1952–53	6	2							8									
1953–54	4	1							5									
1954–55	9	2	1	1					13									
1955–56	6	2							8									
1956–57									0									
1957–58	11								11									
1958–59	2								2									
1959–60	4								4									
1960–61									0									
1961–62	3	2	1	2					8									
1962–63	9	14	9	8	5				45									
1963–64	3	1							4									
1964–65	2	4							6									
1965–66	6								6									
1966–67									0									
1967–68	3	2	6						11									
1968–69	2	2	2						6									
1969–70	10	2							12									
1970–71	1	3	1						5									
1971–72	3								3									
1972–73									0									
TOTAL	127	52	27	13	5				224									
November																		
1946–72	2	1							3									
December																		
1946–72	14	8	5		2				29									
January																		
1947–73	34	19	13	11	3				80									
February																		
1947–73	59	14	5	2					80									
March																		
1947–73	14	10	4						28									
April																		
1947–73	4								4									

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR; Altitude	WEST MALLING / EAST MALLING TQ-677553; 93m / TQ-711568; 37m									TANGMERE / THORNEY ISLAND SU-911064; 16m / SU-758026; 4m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946–47	6	24	10	5		5			50*	11	6	3	3					23
1947–48	3	1	3	1					8*	2	2	1						5*
1948–49	1								1*									0
1949–50	3		1						4*									0
1950–51	4	2							6*	2	3							5
1951–52	4	1		1					6*		2	1						3*
1952–53	3	3		3					9	1	1							2
1953–54	8	1							9		4	5	3					12
1954–55	10	4	4	3					21	3	4	1						8
1955–56	5	7	1						13*	4	1	1						6
1956–57	2								2									0
1957–58	6	4		1	1				12	2	1							3
1958–59	1								1									0
1959–60	5	1		1	1				8	2	3	2						7
1960–61									0									0
1961–62	6	1	3	1					11	4								4
1962–63	16	3	7	12	9	9	1		57	1	16	17	2		5			41
1963–64	4		1						5	2	1							3
1964–65	12		2						14	5	2	1						8
1965–66	4	2	6						12	1	2							3
1966–67	4								4									0
1967–68	4	1	4						9		1	2	1					4
1968–69	12	2							14	2	1							3
1969–70	12	9	2						23	3	1							4
1970–71	2	12	4						18	3	2							5
1971–72	4		2	1					7	1								1
1972–73	2	2							4	2								2
TOTAL	143	80	50	29	11	14	1		328	51	53	34	9		5			152
November																		
1946–72	4	1							5	1								1
December																		
1946–72	23	9	3	1		3	1		40	6	6	5	1		2			20
January																		
1947–73	42	15	21	23	11	9			121	13	26	16	5		3			63
February																		
1947–73	53	38	19	3		2			115	24	17	10	3					54
March																		
1947–73	19	16	6	2					43	6	4	3						13
April																		
1947–73	2	1	1						4	1								1

* Includes estimated data

Dotted lines indicate change of site

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station	ABINGDON									SOUTH FARNBOROUGH								
NGR; Altitude	SU-482990; 69m									SU-867548; 69m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946-47	4	6	24	3	2				39	15	19	8	1					43*
1947-48	3								3	1	3	1						5
1948-49	2								2		1							1*
1949-50									0		1							1*
1950-51	7	1							8*	2	3	4	1					10*
1951-52	4	2							6*	4	2	1		1				8
1952-53	3	2	11						16*	3	2							5
1953-54	6	4							10*	8	3	4						15
1954-55	12	1	2						15*	9	3	2						14
1955-56	18								18*	7	1							8
1956-57	1								1		1							1
1957-58	8	1							9	4	2							6
1958-59	5								5	3	1							4
1959-60	2	2	3	1					8	2	4							6
1960-61									0									0
1961-62	4	2	1	2		1			10	2	4	2	2	1				11
1962-63	7	8	11	15	14	9		1	65	18	27	6	4	2	1			58
1963-64	4	2	1						7	3	3							6
1964-65	6	2	3						11	5		1	1	1	2			10
1965-66	7	1	1						9	9	2							11
1966-67	2								2									0
1967-68	5		8	1					14	5	7	1						13
1968-69	4	5	3						12	7	2							9
1969-70	7	8	2						17	8	5	2						15
1970-71	5	1							6	10	2	1	1					14
1971-72	2								2	1								1
1972-73	1								1	1								1
TOTAL	129	48	70	22	16	10		1	296	127	98	33	10	5	3			276
November 1946-72	5		2						7	1	1							2
December 1946-72	22	9	17	1		2			51	19	12	7	3					41
January 1947-73	47	13	11	13	13	8		1	106	42	42	12	5	3	1			105
February 1947-73	45	20	30	6	1				102	51	36	7	1					95
March 1947-73	7	5	9	2	2				25	12	5	7	1	2	2			29
April 1947-73	3	1	1						5	2	2							4

* Includes estimated data

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR: Altitude	BOSCOMBE DOWN SU-172403; 126m								SILLOTH / CARLISLE NY-607756 8m / NY-384603 26m							
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946-47	10	13	17	2					42*									
1947-48	10	1							11*									
1948-49	1								1*	2								2*
1949-50	1								1*	5	3	1						9*
1950-51	4	4		2					10	6	5	1						12
1951-52	5	3							8*	5		3						8
1952-53	2	2							4	1								1
1953-54	2	2	8	1	2				15	2	2	1	1					6
1954-55	9	4	1	1					15	9	2	1						12
1955-56	12								12*	5								5
1956-57			1		1				2	2								2
1957-58	6								6	7	2	4						13
1958-59	6	3							9	3								3
1959-60	3	1	4						8	2	1	1						4
1960-61									0	2								2
1961-62		1	4						5	8	2	1						11
1962-63	1	8	15	25	9	6			64	16	9	1						26
1963-64		2							2									0
1964-65	7	2		2	3	1			15	2	2	1	1	1	1			8
1965-66		6	6	1					13	5	1	4	3					13
1966-67	1								1	1								1
1967-68	10								10	3	2							5
1968-69	3	1	1						5	12	1							13
1969-70	9	6	1						16	5		1						6
1970-71	3	9	2						14	2	4							6
1971-72	2								2	6								6
1972-73	2								2	6		1						7
TOTAL	109	68	60	34	15	7			293	117	36	20	5	1	1			180
November																		
1946-72		1							1	4		2	3					9+
December																		
1946-72	21	5	5	2	3				36	16	8	3						27+
January																		
1947-73	27	28	15	22	8	6			106	42	14	6						62+
February																		
1947-73	42	25	39	8	1				115	43	7	6						56+
March																		
1947-73	17	6	1	2	3	1			30	11	5	3	2	1	1			23+
April																		
1947-73	2	3							5	1	2							3+

* Includes estimated data

Dotted line indicates change of site

\+ November 1948 – April 1973

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR: Altitude	MANCHESTER(RINGWAY) AIRPORT SJ- 818850 ; 75m.									BLACKPOOL(SQUIRES GATE)AIRPORT SD - 316317 ; 10 m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946-47	45	4							49*	34	2		1					37*
1947-48	9	1							10*	4								4*
1948-49	6								6*	3								3*
1949-50	1								1	2	1							3*
1950-51	6	2	8	2					18	1	8	4						13
1951-52	5	2							7*	1								1
1952-53	3	3	1						7*	2			1					3
1953-54	5	3	2		2				12*	4	8	4						16
1954-55	9	9	10						28*	4	2	5	2	2	1			16
1955-56	11	4	2	1					18	5	1	2						8*
1956-57	2								2			2						2
1957-58	7	2	1	2					12		1	2	3	2				8
1958-59	5	4	2						11	1	2	1	1					5
1959-60	6	4							10	2								2
1960-61									0									0
1961-62	10	2	1						13	3	6							9
1962-63	20	11	5						36	9	9							18
1963-64			1						1		1	1						2
1964-65	3	1							4	1	4	1						6
1965-66	3	2							5	3	1							4
1966-67	2								2	1								1
1967-68	8	1	2	1	1				13	3	1	4						8
1968-69		3	3	7	1				14	2	5	4	2	1				14
1969-70	4	9	3						16	8	2	1						11
1970-71	3	1							4	2								2
1971-72	1								1	2								2
1972-73	6								6	1	1							2
TOTAL	180	68	41	13	4				306	98	55	31	10	5	1			200
November 1946-72	4								4	1	1							2
December 1946-72	28	4	7	3					42	12	10	8	1					31
January 1947-73	55	27	7	2					91	19	22	8	3	2				54
February 1947-73	67	30	20	8	4				129	40	16	13	6	3	1			79
March 1947-73	23	7	7						37	24	6	2						32
April 1947-73	3								3	2								2

* Includes estimated values.

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR:Altitude	VALLEY SH - 310758 ; 10m								HAWARDEN / HAWARDEN BRIDGE SJ- 342648;5m / SJ-322693; 5m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																	
1946-47	13	4	2					19*	11	4	21	11		1			48*
1947-48								0	3								3*
1948-49								0	1								1
1949-50	1							1*	1								1
1950-51	3							3*	4	10							14
1951-52	1	2						3	4	3							7
1952-53	1							1	2	1	1	1					5
1953-54	1	2						3*	4	2	4	6	1				17
1954-55	3	5	1					9*	13	8	1						22
1955-56	1	2	1	1				5	14		4						18
1956-57								0	2								2
1957-58	5							5	7	7	2						16*
1958-59	3							3	5	1							6
1959-60								0	3								3
1960-61								0	1								1
1961-62	6	1	3					10	9	1							10
1962-63	3							3	24	17	4						45
1963-64								0	2								2
1964-65	2	1						3	10								10
1965-66								0	7								7
1966-67								0									0
1967-68	2	4						6	5	3	2						10
1968-69	6	3						9	9	5	5	2					21
1969-70	4	1	2					7	8	1	3						12
1970-71								0	5								5
1971-72	1							1	3								3
1972-73								0	5								5
TOTAL	56	25	9	1				91	162	63	47	20	1	1			294
November 1946-72	1		2					3	6								6
December 1946-72	9	3						12	21	12	7	1					41
January 1947-73	14	4	3					21	59	31	6	3	1				100
February 1947-73	21	16	4	1				42	48	17	26	14		1			106
March 1947-73	11	2						13	27	3	7	2					39
April 1947-73								0	1		1						2

* Includes estimated values

Dotted line indicates change of site

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR, Altitude	ABERPORTH SN-242521; 133m									LLANDOW/GLAMORGAN (RHOOSE) AIRPORT SS958713 81m / ST064679 67m								
Depth in cm	0 to 3	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946-47	11	9	6	1	2		3		32*									
1947-48	1								1*									
1948-49									0									
1949-50									0									
1950-51	4	1	2						7*	Record commenced May 1951								
1951-52	3	1							4*	2								2
1952-53	1								1*	6	4	1						11*
1953-54									0	5	1		1					7
1954-55	4	1							5*	1	5	8	1		3			18
1955-56	2	1	2	1					6	6	2							8
1956-57	1								1									0
1957-58	3	3							6	1		4						5
1958-59									0	3	2							5
1959-60	1								1	2	4							6
1960-61									0									0
1961-62	4	3	2						9	1	2							3
1962-63	11	13	6		1				31	16	26	6	1	2				51
1963-64									0	2								2
1964-65	1	2	2	3					8	2	3							5
1965-66	2	1							3	1	4	8						13
1966-67									0									0
1967-68	2								2	1	2		3					6
1968-69	8	2							10	2		2						4
1969-70	2	2	3						7	7								7
1970-71									0	2	1							3
1971-72									0									0
1972-73	2								2	2		1						3
TOTAL	63	39	23	5	3		3		136	62	56	30	6	2	3			159
November 1946-72	2	1	1						4		2	1						3[x]
December 1946-72	6	2	2						10	15	4		3	2				24[x]
January 1947-73	18	18	8						44	18	30	15	1		2			66[x]
February 1947-73	29	10	6	1	1				47	25	16	11	1		1			54[x]
March 1947-73	6	7	5	4	2	3			27	2	3	1	1					7[x]
April 1947-73	2	1	1						4	2	1	2						5[x]

* Includes estimated values

Dotted line indicates change of site

[x] November 1951 - April 1973

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR, Altitude	EXETER SY - 001933 ; 32m									PLYMOUTH (MOUNT BATTEN) SX - 492529 ; 27m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
winter of:																		
1946-47	8	2							10*	7	6							13*
1947-48	2								2	2	1	1	1					5*
1948-49									0									0
1949-50	1								1*									0
1950-51	5	2	3						10*	2	1							3*
1951-52	1								1*	3								3*
1952-53	1	1							2*		1							1
1953-54	7								7	1								1
1954-55	4	1	1						6*	1	3		1					5
1955-56	8								8	4	3	3	1					11
1956-57									0									0
1957-58	1	3	2						6	3	1	1						5
1958-59	3								3	2								2
1959-60	3	2							5	2								2
1960-61									0									0
1961-62	2								2	4								4
1962-63	4	3	25	5	2	1			40	8	3	2	2					15
1963-64	2								2	2								2
1964-65	2								2									0
1965-66	1								1	1								1
1966-67									0									0
1967-68	1		1	2					4									0
1968-69	6	3	1		1				11	5	1							6
1969-70	3								3	3								3
1970-71	2								2	1	1							2
1971-72									0	1								1
1972-73	2								2	1								1
TOTAL	69	18	32	7	3	1			130	53	21	7	5					86
November 1946-72	1								1	2								2
December 1946-72	14	4	4	3	1				26	6	5		1					12
January 1947-73	14	7	26	4	1	1			53	17	4	3	1					25
February 1947-73	36	6	3		1				46	24	12	4	3					43
March 1947-73	4								4	3								3
April 1947-73									0	1								1

* Includes estimated values

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station	ST EVAL/ST MAWGAN									CHIVENOR								
NGR, Altitude	SW 879686: 102m/SW 871642: 103m									SS 494347: 6m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946-47	9	6							15 *									
1947-48	1								1 *									
1948-49									0									
1949-50									0									
1950-51		1							1 *		1	1						2 *
1951-52	1								1	1		2						3
1952-53	1								1									0
1953-54	1	2	7						10	4								4
1954-55	3	3	1	1	1				9		2	4						6
1955-56	7	1	4	1	2				15	3	1							4
1956-57									0									0
1957-58	5	2	1						8	4	2							6
1958-59									0									0
1959-60									0									0
1960-61									0									0
1961-62	2		3						5	2								2
1962-63	9	7	5						21	3	1		1					5
1963-64									0	1								1
1964-65	1		1	1					3	2								2
1965-66									0	1								1
1966-67									0									0
1967-68									0	2								2
1968-69	3	4	2						9	2	2	1						5
1969-70	3								3	1	1							2
1970-71									0			1	1					2
1971-72		1							1	2								2
1972-73	2	2							4	1	1							2
TOTAL	48	29	24	3	3				107	29	11	9	2					51
November																		
1946-72	2								2									0 †
December																		
1946-72	2	2							4	2	2	2	1					7 †
January																		
1947-73	13	11	6						30	12	3	2	1					18 †
February																		
1947-73	25	14	15	2	3				59	11	6	5						22 †
March																		
1947-73	5	2	3	1					11	2								2 †
April																		
1947-73	1								1	2								2 †

* Includes estimated values

† November 1950 to April 1973

Dotted lines indicate change of site

TABLE 2

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Station NGR;Altitude	BELFAST(ALDERGROVE) AIRPORT IJ-147798; 68m									ELY LODGE/CASTLE ARCHDALE IH-191511; 64m / IH-189593; 66m								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1946-47	7	12	4	3					26	2	3	5	6	3				19
1947-48	1	2							3	3	1							4
1948-49	1								1	2		2	1					5
1949-50	1								1	4								4
1950-51	4	3	9	2	3				21	13	6	6	1	2				28
1951-52	10	4							14	2	2	18						22
1952-53	1	1	2						4	1		2		1				4
1953-54	3								3	4	2							6
1954-55	5	11	2	1	1	1			21	2	6	2						10
1955-56	7	3							10	2	6	1						9
1956-57		4							4	Station closed								-
1957-58	4	1	2	1	3	2			13	Station closed								-
1958-59	3	4	1	2					10	6	4							10
1959-60	3	1	4	1					9	2	2	3						7
1960-61	2	1							3	1								1
1961-62	8								8	1								1
1962-63	5	6	2	1	5				19	7	2							9
1963-64									0									0
1964-65	2	1	3	1					7	6								6
1965-66	3	1	2						6	5	1							6
1966-67	1								1	1								1
1967-68	1	1			3	1			6	2		1						3
1968-69		2	1	2	2				7	3	3		2					8
1969-70	6	2	9						17	11	3							14
1970-71	1		1						2									0
1971-72									0									0
197 -73	1		2	3	1				7	5	1							6
TOTAL	80	60	44	17	18	4			223	85	42	40	10	6				183
November 1946-72	5	2	3						10	4	1							5
December 1946-72	5	11	12	3	3	1			35	15	3	8	1	3				30
January 1947-73	37	18	11	3	10	2			81	30	17	21	1					69
February 1947-73	21	17	14	10	5	1			68	25	17	6	4	1				53
March 1947-73	10	10	4	1					25	8	4	5	4	2				23
April 1947-73	2	2							4	3								3

Dotted lines indicate change of site.

Table 3 Monthly frequencies of specified snow depths (at 0900 hours GMT) in each winter at selected stations

ACKLINGTON

Month	Depth in cm	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Nov	0-2																	1			2				5		5	
	3-5																	4			3				1			
	6-10																				4							
	11-15																											
	16-20																											
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	9	0	0	0	6	0	5	0
Dec	0-2		2		1	3	1	2			4							3	3	3	4	3	2	5	4	1		
	3-5		2			3					3							1	2		2		1		1	1		
	6-10					1		1				2						2			1			1				
	11-15					1											1											
	16-20					1											2											
	21-30																											
	31-40																											
	over 40																											
	Total	0	4	0	1	9	1	3	0	0	7	2	0	0	0	0	3	6	5	3	7	3	3	6	5	2	0	0
Jan	0-2	5	2		1	1	6	1		1	1	1	2	1	4	1		6		8	2	2	2		1		1	
	3-5	1			2	1	1		2	3	1		5	5				4		1						3	2	
	6-10	3					3		2	4	2			6			1	8							1	3	1	
	11-15						2				1				2		3	2							1			
	16-20																1	1							2			
	21-30																											
	31-40																											
	over 40																											
	Total	9	2	0	3	2	12	1	4	8	5	1	7	12	6	1	5	21	0	9	2	2	2	0	5	6	4	0
Feb	0-2		1			2	4				2		2		3		3	10	2		1	1	4	4	9	2		1
	3-5	5			1			6	3		8		4		4	2		1			4			2	3			
	6-10	5							4	6	6		2		6			14			7			4			1	
	11-15	4								1	2				1			2						5	1			
	16-20	4								3																		
	21-30	7								4																		
	31-40	1								2																		
	over 40									1																		
	Total	26	1	0	1	2	4	6	7	17	18	0	8	0	14	2	3	27	2	0	12	1	4	15	13	2	1	1
Mar	0-2					3			2	2			1		1		1			5		1		2	4	3		1
	3-5			4						1			2					1		1				1	1			
	6-10	7								4			4				4	4										
	11-15	3								1			1															
	16-20	2								1							1											
	21-30	4																										
	31-40	2																										
	over 40	1																										
	Total	19	0	4	0	3	0	0	2	9	0	0	8	0	1	0	6	5	0	6	0	1	0	3	5	3	0	1
Apr	0-2																				2				3			
	3-5																											
	6-10																											
	11-15																											
	16-20																											
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0

Table 3 Monthly frequencies of specified snow depths (at 0900 hours GMT) in each winter at selected stations

MILDENHALL/HONINGTON

Month	Depth in cm	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Nov	0-2							1													2				3		3	
	3-5							1																				
	6-10																								1			
	11-15																											
	16-20																											
	Total	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	3	0
Dec	0-2	1				4		6				1		1			1	5	1	4			3	2	3		1	
	3-5							1				1					1	1		1				3	2	3		
	6-10																	1							2	1		
	11-15																											
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	1	0	0	0	4	0	7	0	0	0	2	0	1	0	0	2	7	1	5	0	0	3	5	7	4	1	0
Jan	0-2	7	1			1	3	2	1	4	3		4	4	2		1	16		3	7	2		1	3	5	2	
	3-5	2				1		1	1	3				1	1		2	11	3		1	4	5					
	6-10	1				1									2			2										
	11-15																3											
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	10	1	0	0	3	3	3	2	7	3	0	4	5	5	0	6	29	3	3	8	6	5	1	3	5	2	0
Feb	0-2	11	4				1	1	5	7	8		2				1	11		2	1			6	4	1	1	1
	3-5	10					1		1	2	7						1	9						3	2			
	6-10	6					1			4			1					2						3				
	11-15									2			2											1				
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	27	4	0	0	0	3	1	6	15	15	0	5	0	0	0	2	22	0	2	1	0	0	13	6	1	1	1
Mar	0-2	7		3			1		1	3			1				2		1	4					3	3	1	
	3-5	1					1		2	1																		
	6-10	3																										
	11-15																											
	16-20	2																										
	21-30																											
	31-40																											
	over 40																											
	Total	13	0	3	0	0	2	0	3	4	0	0	1	0	0	0	2	0	1	4	0	0	0	0	3	3	1	0
Apr	0-2																											
	3-5																											
	6-10																											
	11-15																											
	16-20																											
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 3 Monthly frequencies of specified snow depths (at 0900 hours GMT) in each winter at selected stations

BIRMINGHAM (EDGBASTON)

Month	Depth in cm	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Nov	0-2		2					1										1			3				2			1
	3-5																	4							1			
	6-10		1					1										2										
	11-15																											
	16-20																											
	Total	0	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	7	0	0	3	0	0	0	3	0	0	1
Dec	0-2		1			5		1			2	1					2	5			1	1	2		4	1		
	3-5		1		1	3		3				1				1		1		2			1	1		2		
	6-10					3		1				1						1		1			3	5		1		
	11-15											1												1				
	16-20							1				1																
	21-30																											
	31-40																											
	over 40																											
	Total	0	2	0	1	11	0	6	0	0	2	5	0	0	0	1	2	7	0	3	1	1	6	7	4	4	0	0
Jan	0-2	3	2	1			4	2	3	3			4	2	3	1				6	9	3			2	1	3	3
	3-5	1		1	1		3			5	3				3		1	5		1			1	1	2		1	
	6-10	4				1				2	3			6	2		1	3	2	3					1			
	11-15	5				1				1				5			2	20					1					
	16-20					1											1	3					3					
	21-30					1											1						1					
	31-40																											
	over 40																											
	Total	13	2	2	1	4	7	2	3	11	6	0	4	13	8	1	6	31	2	10	9	3	6	1	5	1	4	3
Feb	0-2		4			1	2	7	6	3	5	1	2		1		1	2	5	2	2		4	8	2	1		1
	3-5		1					1	1	5	5		1		1		1	8			3		1	1	5	1	2	1
	6-10	1								4					6		1	12					3	3	3			
	11-15	9								1					1			6						2				
	16-20	17								3														1				
	21-30	1																										
	31-40																											
	over 40																											
	Total	28	5	0	0	1	2	8	7	16	22	1	5	0	9	0	3	28	5	2	5	0	8	15	10	2	2	2
Mar	0-2	1		1		2			1	3			4				4	2	1	5	2			1	3	3		
	3-5	1					1		1	3									1	2				1	1			
	6-10	2		1			1			2									3	2					1			
	11-15	5								1															3			
	16-20																								3			
	21-30	6																										
	31-40	3																										
	over 40																											
	Total	18	0	2	0	2	2	0	2	9	0	0	4	0	0	0	4	2	5	9	2	0	0	2	11	3	0	0
Apr	0-2		1										1							1	2		1		1			1
	3-5																						2					
	6-10																											
	11-15																											
	16-20																											
	Total	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	0	3	0	1	0	0	1

Table 3 Monthly frequencies of specified snow depths (at 0900 hours GMT) in each winter at selected stations

SHAWBURY

Month	Depth in cm	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Nov	0-2		2															3			3				3		1	
	3-5		1																									
	6-10																											
	11-15																											
	16-20																											
	Total	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	3	0	1	0
Dec	0-2		1	1	1	4		1			3	1					2	7				1	1	1	3	1		
	3-5		1			3						1								3			1	2		1		
	6-10					4		1				1					1						3	6		1		
	11-15							1				1					1											
	16-20					1																						
	21-30																											
	31-40																											
	over 40																											
	Total	0	2	1	1	12	0	3	0	0	3	4	0	0	0	0	4	7	0	3	0	1	5	9	3	3	0	0
Jan	0-2	6		3	1	1	3			5	3		3	5	3		1	2	1	3	6	1		1	3	1	1	1
	3-5	3		1		1	1			5	1		1	3	2										1		1
	6-10	1				4	2		4	1	2		2	8			5	15					4					
	11-15								2					2				13					1					
	16-20													1				1										
	21-30																											
	31-40																											
	over 40																											
	Total	10	0	4	1	6	6	0	6	11	6	0	6	19	5	0	6	31	1	3	6	1	5	1	4	1	1	2
Feb	0-2	2	4			1	1	1	3	1	12	1	3		4		2	2	1	2	2		2	5	6			2
	3-5	5	1					2	2	5	2		1		4			2			1		1	4	1	1		1
	6-10	14							5	6			2					7						1				
	11-15	7								2								6						2				
	16-20									1														1				
	21-30																											
	31-40																											
	over 40																											
	Total	28	5	0	0	1	1	3	10	15	14	1	6	0	8	0	2	17	1	2	3	0	3	13	7	1	0	3
Mar	0-2	7		1		2			2	2			3				3		2	3	1			1	1			
	3-5	1					1												1	1								
	6-10	3								2										2					2			
	11-15	1																		1					5			
	16-20	1																										
	21-30	3																										
	31-40																											
	over 40																											
	Total	16	0	1	0	2	1	0	2	4	0	0	3	0	0	0	3	0	3	7	1	0	0	1	8	0	0	0
Apr	0-2				1																				1			
	3-5																								2			
	6-10																											
	11-15																											
	16-20																											
	Total	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0

Table 3 Monthly frequencies of specified snow depths (at 0900 hours GMT) in each winter at selected stations

SOUTH FARNBOROUGH

Month	Depth in cm	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Nov	0-2																								1			
	3-5		1																									
	6-10																											
	11-15																											
	16-20																											
	Total	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Dec	0-2	1				1		2										1		1			3	3	3	4		
	3-5	2				3						1											3	1		2		
	6-10					2											1	3								1		
	11-15																	2								1		
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	3	0	0	0	6	0	2	0	0	0	1	0	0	0	0	1	6	0	1	0	0	6	4	3	8	0	0
Jan	0-2	2				1	3		2	1			1	3	1			4	1	2	8		2	1	3	6	1	
	3-5	4					1		2	1	1			1	4		2	19	2		1		4					
	6-10					2			3	2							1	3					1					
	11-15					1											2	2										
	16-20																1	2										
	21-30																	1										
	31-40																											
	over 40																											
	Total	6	0	0	0	4	4	0	7	4	1	0	1	4	5	0	6	31	3	2	9	0	7	1	3	6	1	0
Feb	0-2	8	1				1	1	5	6	7		1		1		1	13	1	1				3				1
	3-5	13	2					2	1	2			1				2	8						1	4			
	6-10	4	1																						2			
	11-15	1																										
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	26	4	0	0	0	1	3	6	8	7	0	2	0	1	0	3	21	1	1	0	0	0	4	6	0	0	1
Mar	0-2	4							1	2			1				1		1	1					1			
	3-5			1			1						1						1						1			
	6-10	4					1		1											1								
	11-15																			1								
	16-20						1													1								
	21-30																			2								
	31-40																											
	over 40																											
	Total	8	0	1	0	0	3	0	2	2	0	0	2	0	0	0	1	0	2	6	0	0	0	0	2	0	0	0
Apr	0-2												1								1							
	3-5				1																1							
	6-10																											
	11-15																											
	16-20																											
	Total	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

Table 3 Monthly frequencies of specified snow depths (at 0900 hours GMT) in each winter at selected stations

BLACKPOOL (SQUIRES GATE) AIRPORT

Month	Depth in cm	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Nov	0-2																								1			
	3-5																				1							
	6-10																											
	11-15																											
	16-20																											
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
Dec	0-2		2			1		1										4						1	3			
	3-5					4					1						2			2				1				
	6-10					3					2	2								1								
	11-15							1																				
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	0	2	0	0	8	0	2	0	0	3	2	0	0	0	0	2	4	0	3	0	0	0	2	3	0	0	0
Jan	0-2	1		1	2		1	1		2				1			1	3			2	1	3					
	3-5	2				3			2	1				2			3	8		1								
	6-10					1			4				1	1					1									
	11-15												2															
	16-20												2															
	21-30																											
	31-40																											
	over 40																											
	Total	3	0	1	2	4	1	1	6	3	0	0	5	5	0	0	4	11	1	1	2	1	3	0	0	0	0	0
Feb	0-2	18	2						3		5				2		2	2			1			1	2	1	1	
	3-5				1				6				1					1					1	4	1			1
	6-10									4			1										4	4				
	11-15	1								2			1											2				
	16-20									2														1				
	21-30									1																		
	31-40																											
	over 40																											
	Total	19	2	0	1	0	0	0	9	9	5	0	3	0	2	0	2	3	0	0	1	0	5	12	3	1	1	1
Mar	0-2	15		2					1	2										1					1	1	1	
	3-5					1				1							1		1	1					1			
	6-10									1															1			
	11-15																											
	16-20																											
	21-30																											
	31-40																											
	over 40	15	0	2	0	1	0	0	1	4	0	0	0	0	0	0	1	0	1	2	0	0	0	0	3	1	1	0
	Total																								1			1
Apr	0-2																											
	3-5																											
	6-10																											
	11-15																											
	16-20																											
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

Table 3 Monthly frequencies of specified snow depths (at 0900 hours GMT) in each winter at selected stations

MANCHESTER (RINGWAY) AIRPORT

Month	Depth in cm	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Nov	0-2		1					1										1							1			
	3-5																											
	6-10																											
	11-15																											
	16-20																											
	Total	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
Dec	0-2	1	2	1		3		2									4	6		3	1	1	2		1	1		
	3-5		1			2																				1		
	6-10					5					2																	
	11-15					2					1																	
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	1	3	1	0	12	0	2	0	0	3	0	0	0	0	0	4	6	0	3	1	1	2	0	1	2	0	0
Jan	0-2	8	1	3	1		4		1	6	1		2	5	3		3	11			1	1	2			1		1
	3-5									3	1		1	4	1			10		1	2		1		3			
	6-10					3							1	2				1										
	11-15												2															
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	8	1	3	1	3	4	0	1	9	2	0	6	11	4	0	3	22	0	1	3	1	3	0	3	1	0	1
Feb	0-2	24	5				1		4	6	10	2	3		3		2	2					3	0	2		1	4
	3-5	4					2	3	2	10	3		1		3			1					3	3	2			
	6-10							1										4					2	3	2			
	11-15																						1	1				
	16-20								2														1					
	21-30																											
	31-40																											
	over 40																											
	Total	28	5	0	0	0	3	4	8	17	13	2	4	0	6	0	2	7	0	0	0	0	7	14	4	0	1	4
Mar	0-2	12		2		3				2			2				1									1		
	3-5								1								2								4			
	6-10								2								1		1						3			
	11-15																											
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	12	0	2	0	3	0	0	3	2	0	0	2	0	0	0	4	0	1	0	0	0	0	0	7	1	0	0
Apr	0-2																				1		1				1	
	3-5																											
	6-10																											
	11-15																											
	16-20																											
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1

Table 3 Monthly frequencies of specified snow depths (at 0900 hours GMT) in each winter at selected stations

PLYMOUTH (MOUNT BATTEN)

Month	Depth in cm	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Nov	0-2																				1				1			
	3-5																											
	6-10																											
	11-15																											
	16-20																											
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
Dec	0-2		1			2												1						1		1		
	3-5					1		1										2								1		
	6-10																											
	11-15																	1										
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	0	1	0	0	3	0	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	0	2	0	0
Jan	0-2						2		1				2	2	2		2	3	2								1	
	3-5	2								1								1										
	6-10												1					2										
	11-15									1																		
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	2	0	0	0	0	2	0	1	2	0	0	3	2	2	0	2	6	2	0	0	0	0	0	0	0	1	0
Feb	0-2	7	1				1			1	4						1	4						4				1
	3-5	4	1							2	3		1											1				
	6-10		1								3																	
	11-15		1								1							1										
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	11	4	0	0	0	1	0	0	3	11	0	1	0	0	0	1	5	0	0	0	0	0	5	0	0	0	1
Mar	0-2												1				1								1			
	3-5																											
	6-10																											
	11-15																											
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
Apr	0-2																								1			
	3-5																											
	6-10																											
	11-15																											
	16-20																											
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

Table 3 Monthly frequencies of specified snow depths (at 0900 hours GMT) in each winter at selected stations

BELFAST (ALDERGROVE) AIRPORT

Month	Depth in cm	1946-47	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Nov	0-2					1												1			3							
	3-5					1												1										
	6-10																				1				2			
	11-15																											
	16-20																											
	Total	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	2	0	0	0
Dec	0-2																2	1			1	1						
	3-5		2			2		1				3						2					1					
	6-10					7		2												3								
	11-15					2														1								
	16-20																						3					
	21-30																						1					
	31-40																											
	over 40																											
	Total	0	2	0	0	11	0	3	0	0	0	3	0	0	0	0	2	3	0	4	1	1	5	0	0	0	0	0
Jan	0-2	1	1	1		2	8			3	6			3	2	1	5	1		1			1		1			
	3-5	1					3			5	1	1		4		1		1						1				
	6-10					1				1			1	1				2							5			
	11-15												1	2														
	16-20					3							3					4										
	21-30												2															
	31-40																											
	over 40																											
	Total	2	1	1	0	6	11	0	0	9	7	1	7	10	2	2	5	8	0	1	0	0	1	1	6	0	0	0
Feb	0-2	4					2	1	2	2	1		2		1	1	1	2								1		1
	3-5	4					1			6	2				1			2						1				
	6-10	1				1				1			1		4									1	2	1		2
	11-15	2								1					1			1						2				3
	16-20									1								1						2				1
	21-30									1																		
	31-40																											
	over 40																											
	Total	11	0	0	0	1	3	1	2	12	3	0	3	0	7	1	1	6	0	0	0	0	0	6	2	2	0	7
Mar	0-2	2							1				2							1					4			
	3-5	7											1							1					1			
	6-10	3																			1							
	11-15	1																										
	16-20																											
	21-30																											
	31-40																											
	over 40																											
	Total	13	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	2	1	0	0	0	5	0	0	0
Apr	0-2				1	1																						
	3-5																				2							
	6-10																											
	11-15																											
	16-20																											
	Total	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

Climatological Memorandum No 76

Amendment No 2

Page 7 Leeming/Dishforth. January 1947-73 Column 0-2 cm amend 74 to read 73.

Page 19 Aberporth. Winter 1946-47 Column 21-30 cm should read 3.
Column 31-40 cm should read nil.

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ADDENDUM TO CLIMATOLOGICAL MEMORANDUM 76

This addendum up-dates the information given in Table 2 and Table 3 of CM 76 by giving the frequencies of snow depth for the winters 1973/74 to 1978/79. Total frequencies for the whole period, usually 33 years, are also given.

The position and altitude of the stations are given in table 2 of the main memorandum, with the exception of the following which have been used to replace stations which have closed:

Boulmer (NGR NU253142 altitude 23 m) replacing Acklington from November 1975.

Benson (NGR SU633909 altitude 67 m) replacing Abingdon from January 1975.

Marham (NGR TF726094 altitude 67 m) replacing West Raynham from November 1969.

Note: Glamorgan (Rhoose) Airport is now named Cardiff, Wales (Rhoose) Airport.

Met O 3b
January 1980

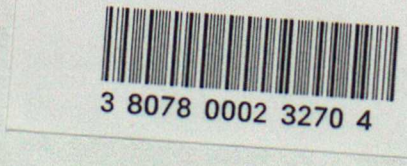
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TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	ACKLINGTON/BOULMER 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	LEEMING 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1973-74	2	4							6	3	4	1						8
1974-75	4		1						5	1								1
1974-76		1							1	2	3							5
1976-77	3	2							5	11	1							12
1977-78	5	1	1	1	1	8	2	1	20	3	7	4	6	1				21
1978-79	11	6	7	1					25	13	8	8	5	3				37
TOTAL 1973/74 to 1978/79	25	14	9	2	1	8	2	1	62	33	23	13	11	4				84
TOTAL 1946/47 to 1978/79	214	123	133	36	19	23	7	3	558	248	156	114	39	12	4			573
November 1946-78	17	10	4						31	14	4		1	3	1			23
December 1946-78	44	23	9	2	3				81	48	11	9	3	1	3			75
January 1947-79	58	32	39	11	4				144	87	64	31	7	1				190
February 1947-79	57	46	57	18	8	19	5	2	212	66	58	56	25	2				207
March 1947-79	31	12	24	5	4	4	2	1	83	28	18	18	3	4				71
April 1947-79	7								7	5	1			1				7

Dotted line indicates a change of site

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	FINNINGLEY 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	WADDINGTON 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74		5							5	3	3							6
1974-75		1							1	1	1		1					3
1975-76	1								1	1		1						2
1976-77	4								4	7		1						8
1977-78	7	7	3						17	6	8	3						17
1978-79	12	15	14						41	9	6	19	5	3				42
TOTAL 1973/74 to 1978/79	24	28	17						69	27	18	24	6	3				78
TOTAL 1946/47 to 1978/79	169	135	92	14	19	19			448	205	122	118	50	8	18	16		537
November 1946-78	11	4							15	6	4							10
December 1946-78	25	11	7	2	1				48	44	10	13						67
January 1947-79	52	61	39	1	3				156	66	45	50	12		1	2		176
February 1947-79	60	49	41	6	10	14			180	62	44	44	26	5	12	14		207
March 1947-79	20	10	5	5	5	5			50	23	18	11	12	3	5			72
April 1947-79	1								1	4	1							5

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

MARHAM

Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:																		
1969-70	13	8	4	2					27									
1970-71	13	1							14									
1971-72	5	1	1						7									
1972-73	1								1									
1973-74	3	3							6									
1974-75	1								1									
1975-76	2		11	1					14									
1976-77	5								5									
1977-78	11	6	3						20									
1978-79	11	7	13	5	3				39*									
TOTAL 1969/70 to 1978/79	65	26	32	8	3				134									
TOTAL 1946/47 to 1978/79	214	133	117	24	29	13	1		531									
November																		
1946-78	9	5							14									
December																		
1946-78	48	15	4	2		2	1		72									
January																		
1947-79	67	59	51	6	1	1			185									
February																		
1947-79	63	41	54	15	20	6			199									
March																		
1947-79	26	13	8	1	8	4			60									
April																		
1947-79	1								1									

* Includes estimated data.

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	HONINGTON 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	CARDINGTON 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74	5								5*									0
1974-75	2								2		1	1						2
1975-76		2	9	1					12									0
1976-77	5								5	3								3
1977-78	3	7	4	1					15	5	1	1		1				8
1978-79	12	12	11	4					39*	5	16	6						27
TOTAL 1973/74 to 1978/79	27	21	24	6					78	13	18	8		1				40
TOTAL 1946/47 to 1978/79	238	112	55	14	2				421	162	103	43	40	7				355
November 1946-78	12	3	1						16	5	4							9
December 1946-78	40	13	4						57	32	14	4						50
January 1947-79	79	43	17	7					146	50	40	21	13					124
February 1947-79	71	46	29	6					152	55	29	8	19	6				117
March 1947-79	35	6	4	1	2				48	19	16	9	8					52
April 1947-79	1	1							2	1		1		1				3

* Includes estimated data.

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	BIRMINGHAM (EDGBASTON) 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	SHAWBURY 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74	2	1							3	1								1
1974-75	3	1		1					5	2	1							3
1975-76	6	2							8	4								4
1976-77	19	5	1						25	5		1						6
1977-78	9	1	3						13	4								4
1978-79	6	20	22	5	5	4			62	22	8	12	5		1	1		49
TOTAL 1973/74 to 1978/79	45	30	26	6	5	4			116	38	9	13	5		1	1		67
TOTAL 1946/47 to 1978/79	236	132	133	71	39	14	3		628	219	81	122	50	6	4	1		483
November 1946-78	11	5	4						20	13	1							14
December 1946-78	31	23	21	3	2				80	32	13	17	3	1				66
January 1947-79	75	37	36	37	12	7			204	70	20	57	22	2				171
February 1947-79	75	49	58	20	21	1			224	69	38	37	17	2				163
March 1947-79	35	16	14	11	4	6	3		89	31	6	11	8	1	4	1		62
April 1947-79	9	2							11	4	3							7

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	LITTLE RISSINGTON 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	BRISTOL (FILTON) 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	40	Total
Winter of:-																		
1973-74		3	1	1					5	2								2
1974-75	5	1							6	1	1							2
1975-76	4								4									0
1976-77										3	2							5
1977-78		Record ceased 1976								3	3		1					7
1978-79										14	6	5						25
TOTAL 1973/74 to 1978/79	9	4	1	1					15≠	23	12	5	1					41
TOTAL 1946/47 to 1978/79	193	111	97	63	23	20			507+	114	47	51	18	14	14	2		260
November 1946-78	10	6	3	2	1				22+	1	2	1						4
December 1946-78	24	15	24	1	4				68+	26	6	8	4	1				45
January 1947-79	62	38	27	29	10	2			168+	32	16	14	2	11	14	2		91
February 1947-79	56	34	35	20	5	18			168+	43	20	22	11	1				97
March 1947-79	31	15	8	11	3				68+	10	2	5	1	1				19
April 1947-79	10	3							13+	2	1	1						4

+ November 1946 to April 1976

≠ November 1973 to April 1976

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

KEW

Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74		1							1									
1974-75	1								1									
1975-76	2								2									
1976-77	7								7									
1977-78	2								2									
1978-79	17	4	4						25									
TOTAL 1973/74 to 1978/79	29	5	4						38									
TOTAL 1946/47 1978/79	156	57	31	13	5				262									
November 1946-78	2	1							3									
December 1946-78	19	8	6		2				35									
January 1947-79	43	23	16	11	3				96									
February 1947-79	70	15	5	2					92									
March 1947-79	17	10	4						31									
April 1947-79	5								5									

FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	EAST MALLING 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	THORNEY ISLAND 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74	2	1							3									0
1974-75	3								3	1								1
1975-76	1								1									0
1976-77	4			1					5									
1977-78	4	4	1						9	Record ceased 1976								
1978-79	10	5	7	4					26									
TOTAL 1973/74 to 1978/79	24	10	8	5					47	1								1≠
TOTAL 1946/47 to 1978/79	167	90	58	34	11	14	1		375	52	53	34	9		5			153+
November 1946-78	5	1							6	1								1+
December 1946-78	27	9	3	2		3	1		45	6	6	5	1		2			20+
January 1947-79	51	18	24	27	11	9			140	13	26	16	5		3			63+
February 1947-79	58	45	23	3		2			131	24	17	10	3					54+
March 1947-79	23	16	6	2					47	7	4	3						14+
April 1947-79	3	1	2						6	1								1+

+ November 1946 - April 1976.

≠ November 1973 - April 1976.

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

	ABINGDON/BENSON									SOUTH FARNBOROUGH								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74	1	2							3									0
1974-75	3								3	3								3
1975-76									0									
1976-77	3	2							5	Record ceased 1975								
1977-78	7	2							9									
1978-79	12	10	7	1					30									
TOTAL 1973/74 to 1978/79	26	16	7	1					50	3								3≠
TOTAL 1946/47 to 1978/79	155	64	77	23	16	10		1	346	130	98	33	10	5	3			279+
November 1946-78	5		2						7	1	1							2+
December 1946-78	27	11	18	1		2			59	19	12	7	3					41+
January 1947-79	52	21	17	13	13	8		1	125	42	42	12	5	3	1			105+
February 1947-79	56	24	30	6	1				117	51	36	7	1					95+
March 1947-79	11	7	9	3	2				32	15	5	7	1	2	2			32+
April 1947-79	4	1	1						6	2	2							4+

+ November 1946 - April 1975

≠ November 1973 - April 1975

Dotted lines indicate change of site.

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	BOSCOMBE DOWN 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	CARLISLE 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74	2								2		4							4
1974-75	1	2							3	3								3
1975-76									0									0
1976-77	4								4	4	1							5
1977-78	1	4	3	1					9	8								8
1978-79	10	10	7						27	16	1	5	2					24
TOTAL 1973/74 to 1978/79	18	16	10	1					45	31	6	5	2					44
TOTAL 1946/47 to 1978/79	127	84	70	35	15	7			338	148	42	25	7	1	1			224+
November 1946-78		1							1	5	2	2	3					12+
December 1946-78	25	6	6	2	3				42	18	10	4						32+
January 1947-79	32	35	21	22	8	6			124	55	16	10	2					83+
February 1947-79	47	30	42	9	1				129	52	7	6						65+
March 1947-79	21	9	1	2	3	1			37	17	5	2	1	1				29+
April 1947-79	2	3							5	1	2							3+

+ November 1948 - April 1979.

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	MANCHESTER (RINGWAY) AIRPORT									BLACKPOOL (SQUIRES GATE) AIRPORT								
	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74	2								2									0
1974-75	1								1		1							1
1975-76									0									0
1976-77	6	1							7	2	1							3
1977-78	5		1						6	4								4
1978-79	12	7	1	3	2				25	8	3	2	2					15
TOTAL 1973/74 to 1978/79	26	8	2	3	2				41	14	5	2	2					23
TOTAL 1946/47 to 1978/79	206	76	43	16	6				347	112	60	33	12	5	1			223
November 1946-78	4								4	1	1							2
December 1946-78	33	4	7	3					47	13	10	8	1					32
January 1947-79	65	34	8	5	2				114	26	26	10	5	2				69
February 1946-79	76	31	20	8	4				139	43	16	13	6	3	1			82
March 1947-79	25	7	7						39	26	7	2						35
April 1947-79	3		1						4	3								3

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

	VALLEY									HAWARDEN BRIDGE								
Depth in cm	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74									0									0
1974-75	1								1	1								1
1975-76									0		1							1
1976-77	1								1		1							1
1977-78	6	1	1						8	6	1							7
1978-79	5	2	1						8	13	13	5	1					32
TOTAL 1973/74 to 1978/79	13	3	2						18	20	16	5	1					42
TOTAL 1946/47 to 1978/79	69	28	11	1					109	182	79	52	21	1	1			336
November 1946-78	1		2						3	6								6
December 1946-78	9	3							12	26	13	7	1					47
January 1947-79	17	4	3						24	66	40	11	3	1				121
February 1947-79	29	18	5	1					53	53	19	26	14		1			113
March 1947-79	12	3	1						16	29	6	7	3					45
April 1947-79	1								1	2	1	1						4

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	ABERPORTH 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	CARDIFF (RHOOSE) AIRPORT 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74	1								1	1								1
1974-75									0	1								1
1975-76									0	2								2
1976-77	1								1	3								3
1977-78	1	7	1						9	2	1	3			3	1		10
1978-79	3	3	2						8	10	7	7						24
TOTAL 1973/74 to 1978/79	6	10	3						19	19	8	10			3	1		41
TOTAL 1946/47 to 1978/79	69	49	26	5	3	3			155	81	64	40	6	2	6	1		200+
November 1946-78	2	1	1						4	1	2	1						4+
December 1946-78	7	2	2						11	18	4	1	3	2				28+
January 1947-79	20	21	10						51	26	33	20	1		2			82+
February 1947-79	31	17	7	1	1				57	27	20	15	1		4	1		68+
March 1947-79	7	7	5	4	2	3			28	7	4	1	1					13+
April 1947-79	2	1	1						4	2	1	2						5+

+ November 1951 - April 1979.

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	EXETER									PLYMOUTH (MOUNT BATTEN)								
	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74									0									0
1974-75									0									0
1975-76	1								1	1								1
1976-77	1								1									0
1977-78	1	2	2	1		1	1		8	2								2
1978-79	4	8	5	1					18	7								7
TOTAL 1973/74 to 1978/79	7	10	7	2		1	1		28	10								10
TOTAL 1946/47 to 1978/79	76	28	39	9	3	2	1		158	63	21	7	5					96
November 1946-78	1								1	2								2
December 1946-78	16	4	4	4	1				29	8	5		1					14
January 1947-79	16	14	31	4	1	1			67	22	4	3	1					30
February 1947-79	39	9	5	1	1	1	1		57	27	12	4	3					46
March 1947-79	4								4	3								3
April 1947-79									0	1								1

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	ST MAWGAN 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	CHIVENOR 0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74									0	1								1
1974-75	1								1	Records ceased 1974								
1975-76									0									
1976-77	1	1							2									
1977-78	3	1							4									
1978-79	1	4	1						6									
TOTAL 1973/74 to 1978/79	6	6	1						13	1								1≠
TOTAL 1946/47 to 1978/79	54	35	25	3	3				120	30	11	9	2					52+
November 1946-78	2								2									0+
December 1946-78	2	2	1						5	3	2	2	1					8+
January 1947-79	15	15	6						36	12	3	2	1					18+
February 1947-79	27	14	15	2	3				61	11	6	5						22+
March 1947-79	7	3	3	1					14	2								2+
April 1947-79	1	1							2	2								2+

+ November 1950 - April 1974

≠ November 1973 - April 1974

TABLE 2 FREQUENCIES OF SNOW DEPTH IN SPECIFIED RANGES

Depth in cm	BELFAST (ALDERGROVE) AIRPORT								CASTLE ARCHDALE							
	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total	0 to 2	3 to 5	6 to 10	11 to 15	16 to 20	21 to 30	31 to 40	> 40	Total
Winter of:-																		
1973-74		1	1						2									0
1974-75	2								2	1								1
1975-76	2	2							4	2								2
1976-77	5		1						6	3								3
1977-78	7								7	2	5	1						8
1978-79	5	2	5	4					16	4	2		2	1				9
TOTAL 1973/74 to 1978/79	21	5	7	4					37	12	7	1	2	1				23
TOTAL 1946/47 to 1978/79	101	65	51	21	18	4			260	97	49	41	12	7				206+
November 1946-78	5	3	4						12	5	1							6+
December 1946-78	6	11	12	3	3	1			36	15	3	8	1	3				30+
January 1947-79	50	20	16	7	10	2			105	39	23	22	3	1				88+
February 1947-79	24	18	14	10	5	1			72	26	18	6	4	1				55+
March 1947-79	13	11	5	1					30	8	4	5	4	2				23+
April 1947-79	3	2							5	4								4+

+ November 1956 - April 1958 missing.

Table 3 Monthly frequencies of specified snow depths (at 09 GMT) in each winter at selected station

Month	Depth in cm	ACKLINGTON/BOULMER 1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	HONINGTON 1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
Nov	0-2	2					1	2					1
	3-5												2
	6-10												
	Total	2	0	0	0	0	1	2	0	0	0	0	3
Dec	0-2		1		2			2			1		4
	3-5	2		1	2		2						
	6-10		1										
	11-15												
	Total	2	2	1	4	0	2	2	0	0	1	0	4
Jan	0-2		1			3	5				2	2	3
	3-5						1			1		1	5
	6-10						5			5			6
	11-15									1			3
	16-20												
	21-30												
	31-40												
	Total	0	1	0	0	3	11	0	0	7	2	3	17
Feb	0-2	2			1	1	2				1	1	2
	3-5					1	2			1		4	5
	6-10					1	1			4		3	5
	11-15					1	1						1
	16-20					1							
	21-30					8							
	31-40					2							
	40					1							
	Total	2	0	0	1	16	6	0	0	5	1	8	13
Mar	0-2		2				3	1	2				2
	3-5						1					1	
	6-10						1					1	
	11-15											1	
	16-20												
	21-30												
	Total	0	2	0	0	0	5	1	2	0	0	3	2
Apr	0-2					1					1		
	3-5											1	
	6-10												
	Total	0	0	0	0	1	0	0	0	0	1	1	0

Table 3 Monthly frequencies of specified snow depths (at 09 GMT) in each winter at selected station

Month	Depth in cm	BIRMINGHAM (EDGBASTON) 1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	SHAWBURY 1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
Nov	0-2	1					1	1					
	3-5												
	6-10												
	Total	1	0	0	0	0	1	1	0	0	0	0	0
Dec	0-2		1		4						1		3
	3-5				4		2						1
	6-10				1		4						
	11-15						1						
	Total	0	1	0	9	0	7	0	0	0	1	0	4
Jan	0-2		1	1	13	2	3			2	3	2	9
	3-5				1	1	6						
	6-10					2	6				1		8
	11-15						2						4
	16-20						4						
	21-30						4						
	Total	0	1	1	14	5	25	0	0	2	4	2	21
Feb	0-2	1		4	2	6	2			1		2	9
	3-5			2			9						5
	6-10						11						2
	11-15						1						
	16-20												
	21-30												
	31-40												
	Total	1	0	6	2	6	23	0	0	1	0	2	16
Mar	0-2		1	1					1	1			1
	3-5	1	1				3		1				1
	6-10					1	1						2
	11-15		1				1						1
	16-20						1						
	21-30												1
	31-40												1
	Total	1	3	1	0	1	6	0	2	1	0	0	7
Apr	0-2					1			1		1		
	3-5												1
	6-10												
	Total	0	0	0	0	1	0	0	1	0	1	0	1

Table 3 Monthly frequencies of specified snow depths (at 09 GMT) in each winter at selected station

Month	Depth in cm	BLACKPOOL (SQUIRES GATE) AIRPORT 1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	MANCHESTER (RINGWAY) AIRPORT 1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
Nov	0-2												
	3-5												
	6-10												
	Total	0	0	0	0	0	0	0	0	0	0	0	0
Dec	0-2						1	1			2		2
	3-5												
	6-10												
	11-15												
	Total	0	0	0	0	0	1	1	0	0	2	0	2
Jan	0-2				2	2	3		1		3	1	5
	3-5				1		3				1		6
	6-10						2						1
	11-15						2						3
	16-20												2
	21-30												
	31-40												
	Total	0	0	0	3	2	10	0	1	0	4	1	17
Feb	0-2					1	2	1			1	4	3
	3-5												1
	6-10												
	11-15												
	16-20												
	21-30												
	31-40												
	Total	0	0	0	0	1	2	1	0	0	1	4	4
Mar	0-2						2						2
	3-5		1										
	6-10												
	11-15												
	16-20												
	21-30												
	Total	0	1	0	0	0	2	0	0	0	0	0	2
Apr	0-2					1							
	3-5												
	6-10											1	
	Total	0	0	0	0	1	0	0	0	0	0	1	0

Table 3 Monthly frequencies of specified snow depths (at 09 GMT) in each winter at selected station

Month	Depth in cm	PLYMOUTH (MOUNT BATTEN) 1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	BELFAST (ALDERGROVE) AIRPORT 1973-74	1974-75	1975-76	1976-77	1977-78	1978-79
	0-2							1					
	3-5							1					
	6-10												
	Total	0	0	0	0	0	0	2	0	0	0	0	0
	0-2						2					1	
	3-5												
	6-10												
	11-15												
	Total	0	0	0	0	0	2	0	0	0	0	1	0
	0-2			1			4			2	5	3	3
	3-5									1			1
	6-10										1		4
	11-15												4
	21-30												
	31-40												
	Total	0	0	1	0	0	4	0	0	3	6	3	12
	0-2					2	1					3	
	3-5									1			
	6-10												
	11-15												
	16-20												
	21-30												
	31-40												
	Total	0	0	0	0	2	1	0	0	1	0	3	0
	0-2								1				2
	3-5												1
	6-10												1
	11-15												
	16-20												
	21-30												
	Total	0	0	0	0	0	0	0	1	0	0	0	4
	0-2								1				
	3-5												
	6-10												
	Total	0	0	0	0	0	0	0	1	0	0	0	0